



Tom.Perina@ch2m.com
11/20/2003 04:36 PM

To cmclaugh@demaximis.com, Christopher
Lichens/R9/USEPA/US@EPA
cc chamberlindc@cdm.com, wallinsl@cdm.com,
edm@demaximis.com, Dan.Jablonski@ch2m.com

bcc

Subject RE: OW8 test

Chuck and Chris,

I sent the original e-mail with the intent to help provide useful information to the field team. Dan Jablonski, who was at the site, talked to John Dustman and the rest of the team and was told that they had not seen the previous test results. It is also the scope of CH2M HILL's oversight to make sure that all pertinent information is being utilized to the overall benefit of the investigation. Per my reply to Sharon's e-mail, I am glad that the test was successful.

Regards,
Tom

-----Original Message-----

From: Chuck McLaughlin [mailto:cmclaugh@demaximis.com]
Sent: November 20, 2003 4:20 PM
To: Christopher Lichens
Cc: Dave Chamberlin; Sharon Wallin; Perina, Tom/SBO; Ed Modiano
Subject: FW: OW8 test
Importance: High

Chris:

As the result of Tom's recent misinformation e-mail addressed to Sharon relative to the OW8 test, I am requesting that all forthcoming project requests, comments and correspondence come from you.

I'll follow-up this e-mail with a call to you tomorrow.

Chuck

-----Original Message-----

From: Wallin, Sharon [mailto:WallinSL@cdm.com]
Sent: Thursday, November 20, 2003 2:59 PM
To: 'TomPerina'
Cc: 'EdModiano'; 'ChuckMcLaughlin'; Chamberlin, David; ChrisLichens
(lichens.christopher@epamail.epa.gov)
Subject: RE: OW8 test

Hi Tom - FYI, the pump installed in well OW8 was shut down this morning after approximately 20 hours of pumping. An approximate rate of 10.6 gpm was sustained during the test, with drawdown observed at all monitored wells. The pump and transducers will be removed tomorrow morning (Friday) starting at 7am.

Your e-mail below contains some misinformation that I would like to clarify. The aquifer testing program is

being conducted by John Dustman (Summit Environmental Solutions) under subcontract to de maximis, with CDM and de maximis staff providing field support. Summit was selected as a subcontractor for the project because it has developed proprietary software that provides real-time analysis and 3-dimensional presentations of the aquifer testing results. Prior to the start of aquifer testing, John Dustman was provided with and reviewed the prior well OW8 testing results. In addition, the demaximis staff on site during aquifer testing were also involved with the prior testing at OW8.

The November 11, 2003 memorandum from CDM to USEPA indicated that step-drawdown testing would be performed prior to initiating the 12-hour constant rate test, in order to determine an appropriate pumping rate. According to John Dustman, it is likely that well OW8 could have sustained a higher pumping rate (on the order of 15 gpm), had the testing been completed with the original pump. The replacement pump was longer than the original pump and reduced the amount of available drawdown. The pumping portion of the test was subsequently extended to approximately 20 hours.

Regards, Sharon Wallin

-----Original Message-----

From: Tom.Perina@ch2m.com [mailto:Tom.Perina@ch2m.com]

Sent: Wednesday, November 19, 2003 11:31 AM

To: Wallin, Sharon

Cc: lichens.christopher@epa.gov; Dan.Jablonski@ch2m.com

Subject: OW8 test

Hello, Chris,

Dan was at the Omega site yesterday and today for the OW-8 pumping test CDM is conducting. He noted that CDM started the pumping at 22 gpm and had to stop because the water level in the pumping well was dropping close to the pump (the drawdown was about 6 ft). The next pumping rate used yesterday, before the pump malfunctioned, was 16 gpm. I want to note that during the previous pumping test on well OW-8, CDM used a rate of 10.4 gpm; the drawdown was 2.9 ft after 4 hours and still increasing. The well may not sustain a rate much higher than 10 gpm for the planned test duration of 15 hours. It seemed that the field crew did not have this information on hand. They just called that the test will restart in about 2 hours, we will call them with this info to help set a sustainable rate.

Regards,

Tom Perina, Ph.D., R.G., C.H.G.

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